

ABSTRACT

5 An improved handheld electronic device includes an improved battery compartment door having a miniature camera disposed thereon. The battery compartment door with its camera advantageously does not alter the form factor of the handheld electronic device and can easily be replaced with a similar battery door without a camera which, when installed on the handheld electronic device, will provide the same form factor. A battery compartment of the handheld electronic device is configured to be larger than required to accommodate a battery of the handheld electronic device in order to also accommodate the camera of the battery compartment door.